

Attorney Docket No. 36290-0415-00-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS THE DESIGNATED/ELECTED OFFICE

In Re Patent Application Of: Patrick Gerard JOHNSTON; Daniel LONGLEY

Application No.:

Not Yet Assigned

(International Application No. PCT/GB2004/005006)

Filing Date:

(International Filing Date: 26 November 2004 (26.11.2004))

Customer No.:

23973

Invention:

CANCER TREATMENT

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The present application is a 371 of PCT/GB2004/005006. Pursuant to 37 C.F.R. \$1.56 and in accordance with 37 C.F.R. §\$1.97-1.98, submitted herewith in duplicate is a substitute PTO Form 1449 listing the references cited in the Search Report in the international phase. It is believed that copies of the references have been or will be forwarded by the International Search Authority. Examiner is encouraged to contact the undersigned if reference copies have not been received.

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10 EXPRESS MAIL Mailing Label No: Date of Deposit: 26 May 2006 I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, and/or fee, is being deposited with the United States Postal Service, "EXPRESS MAIL-POST OFFICE TO ADDRESSEE" service

under 37 C.F.R. 1.10, on the date indicated above, and addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Leola P. Goodman Type or print name of person

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The Examiner is respectfully requested to review the items listed on the PTO Form 1449 and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate substitute Form 1449, and return one copy to the undersigned.

This Information Disclosure Statement should not be construed as a representation that the cited references are material or that more references do not exist.

This statement is being submitted before receipt of any office action on the merits. Thus, no fee is due for the filing of this paper. However, if a fee is due, please charge deposit account 50-0573.

Respectfully submitted,

PATRICK GERARD JOHNSTON, et al.

BY

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SHEET _1_ OF _2

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO.
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APPLICANT(S):

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IFAPPROPRIATE)
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION							
	1	BOCOMENT NOMBER				 YES NO	
/R.S./	AA	WO 03/035868 A	05/01/2003	wo			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/R.S./	AB	HYER, M.L. et al., "Downregulation of c-FLIP sensitizes DU145 prostate cancer cells to Fas-mediated		
/n.s./	AD	apoptosis" CANCER BIOLOGY & THERAPY, Vol. 1:4 (July 2002) pp. 401-406		
		USLU, R. et al., "Chemosensitization of human prostate carcinoma cell lines to anti-Fas-mediated cytotoxicity		
/R.S./	AC	and apoptosis" CLINICAL CANCER RESEARCH, THE AMERICAN ASSOCIATION FOR CANCER		
	1	RESEARCH, US, Vol. 3:6 (June 1997) pp. 963-972		
		THEARD, D. et al., "Etoposide and Adriamycin but not Genistein can activate the checkpoint kinase Chk2		
/R.S./	AD	independently of ATM/ATR" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, Vol.		
		289 (2001) pp. 1199-1204		
/R.S./	AE	GUROVA, K.V. et al., "Cooperation of two mutant p53 alleles contributes to Fas resistance of prostate		
/n.s./	A.C	carcinoma cells" CANCER RESEARCH, Vol. 63 (June 1 2003) pp. 2905-2912		
		IWASE, M. et al., "Enhanced susceptibility of oral squamous cell carcinoma cell lines to Fas-mediated apoptosis		
/R.S./	AF	by Cisplatin and 5-Fluorouracil" INTERNATIONAL JOURNAL OF CANCER, Vol. 106 (Sep 10 2003) pp. 619-		
		625		
(D.O.)		WAKASA, T. et al, "The combination of ionizing radiation and expression of a wild type p53 gene via		
/R.S./	AG	recombinant adenovirus induced a prominent tumor suppressing effect in human oral squamous cell carcinoma"		
		THE BRITISH JOURNAL OF RADIOLOGY, Vol. 75 (2002) pp. 657-662		
		SIEGMUND, D. et al., "Selective inhibition of FLICE-like Inhibitory Protein (FLIP) expression with small		
/R.S./	AH	interfering RNA oligonucleotides (siRNAs) is sufficient to sensitize tumor cells for TRAIL-induced apoptosis"		
	Ail	MOLECULAR MEDICINE, BLACKWELL SCIENCE, CAMBRIDGE, MA, US, Vol. 8:11 (Nov 2002) pp. 725-		
l	732			

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTY, DOCKET NO. 36290-0415-00-US U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION INFORMATION DISCLOSURE CITATION ATTY, DOCKET NO. 36290-0415-00-US PLING DATE Not Yet Assigned ATTY, DOCKET NO. 36290-0415-00-US PLING DATE Not Yet Assigned ATTY, DOCKET NO. 36290-0415-00-US PCT/GB2004/005006 P

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Į	/R.S./	Al	DATABASE EMBL-EBI "Homo sapiens FLICE-like inhibitory protein long form mkNA, complete cds." Database accession no. U97074 (July 1, 1999)
	/R.S./	AJ	KAMARAJAN, P. et al., "Up-regulation of FLIP in cisplatin-selected HeLa cells causes cross-resistance to CD95/Fas death signaling" BIOCHEMICAL JOURNAL, Vol. 376:1 (Nov 15 2003) pp. 253-260
	/R.S./	AK	MAY, E. et al., "Endogenous HeLa p53 proteins are easily detected in HeLa cells transfected with mouse deletion mutant p53 gene" ONCOGENE, Vol. 6:8 (1991) pp. 1363-1366
	/R.S./	AL	PEDERSEN, 1.M. et al., "The triterpenoid CDDO induces apoptosis in refractory CLL B cells" BLOOD, Vol. 100:8 (Oct 15 2002) pp. 2965-2972
	/R.S./	AM	POULAKI, V. et al., "Fas-mediated apoptosis in neuroblastoma requires mitochondrial activation and is inhibited by FLICE inhibitor protein and bc1-2" CANCER RESEARCH, Vol. 61 (June 15 2001) pp. 4864-4872
	/R.S./	AN	MICHEAU, O., "Cellular FLICE-inhibitory protein: an attractive therapeutic target?" EXPERT OPINION ON THERAPEUTIC TARGETS, ASHLEY PUBLICATIONS, LONDON, GB, Vol. 7:4 (Aug 2003) pp. 559-573

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/Richard Schnizer/

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U.S. PATENT DOCUMENTS SUBCLASS DOCUMENT NUMBER CLASS EXAMINER (IFAPPROPRIATE)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) HYER, M.L. et al., "Downregulation of c-FLIP sensitizes DU145 prostate cancer cells to Fas-mediated appressis" CANCER BIOLOGY & THERAPY, Vol. 1:4 (July 2002) pp. 401-406 AB USLU, R. val., 'Chemosenstitzation of human prostate carcinoma cell lines to anti-Fas-mediated cytotoxicity and apoptosis' SLINICAL CANCER RESEARCH, THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, US. Vol. 15 (June 1997) pp. 963-972 AC THEARD, D. et al., "Etoposide and Adriamycin but not Genistein can activate the checkpoint kinase Chk2 independently of ATM/ATR" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, Vol. AD 289 (2001) pp. 1199-1204 GUROVA, K.V. et al., "Cooperation of two putant p53 alleles contributes to Fas resistance of prostate AE carcinoma cells" CANCER RESEARCH, Vol. 63 (June 1 2003) pp. 2905-2912 IWASE, M. et al., "Enhanced susceptibility of oral squareous cell carcinoma cell lines to Fas-mediated apoptosis by Cisplatin and 5-Fluorouracil" INTERNATIONAL JOURNAL OF CANCER, Vol. 106 (Sep 10 2003) pp. 619-AF 625 WAKASA, T. et al, "The combination of ionizing radiation and expression of a wild type p53 gene via recombinant adenovirus induced a prominent tumor suppressing effect in humae oral squamous cell carcinoma" AG THE BRITISH JOURNAL OF RADIOLOGY, Vol. 75 (2002) pp. 657-662 SIEGMUND, D. et al., "Selective inhibition of FLICE-like Inhibitory Protein (FLIP) expression with small interfering RNA oligonucleotides (siRNAs) is sufficient to sensitize tumor cells for TRAIL-indeed apoptosis" AΗ MOLECULAR MEDICINE, BLACKWELL SCIENCE, CAMBRIDGE, MA, US, Vol. 8:11 (Nov 2007) pp. 725-732

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SUBSTITUTE FORM PTO-1449 US. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 36290-0415-00-US FILING DATE	INTERNATIONAL SERIAL NO. PCT/GB2004/005006 U.S. SERIAL NO. Not Yet Assigned	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Al	"BATABASE EMBL-EBI "Homo sapiens FLICE-like inhibitory protein long form mRNA, complete cds."
	A1	Database accession no. U97074 (July 1, 1999)
		KAMARAJAN, P. et al., "Up-regulation of FLIP in cisplatin-selected HeLa cells causes cross-resistance to
1	AJ	CD95/Fas death signaling DIOCHEMICAL JOURNAL, Vol. 376:1 (Nov 15 2003) pp. 253-260
	1	MAY, E. et al., "Endogenous HeLa poo proteins are easily detected in HeLa cells transfected with mouse
1	AK	deletion mutant p53 gene" ONCOGENE, Vol. 6:8 (1991) pp. 1363-1366
		PEDERSEN, I.M. et al., "The triterpenoid CDDO induces apontosis in refractory CLL B cells" BLOOD, Vol.
1	AL	100:8 (Oct 15 2002) pp. 2965-2972
	T	POLILAKI, V. et al., "Fas-mediated apoptosis in neuroblastoma requires mitochendrial activation and is
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		MICHEAU, O., "Cellular FLICE-inhibitory protein: an attractive therapeutic target?" EXPERT OF INION ON
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